

The Magazine of Standards

In Two Parts — Part 2 of the December 1954 issue

INDEX

Volume 25 January-December 1954

Abbreviations	
AGA	American Gas Association
AATCC	American Association of Textile Chemists and Colorists
ACI	American Concrete Institute
AIEE	American Institute of Electrical Engineers
AMA	American Management Association
ASA	American Standards Association
ASTM	American Society for Testing Materials
ASME	American Society of Mechanical Engineers
AWWA	American Water Works Association
AWS	American Welding Society
BSI	British Standards Institution
CMC	Company Member Conference, ASA
CEE	International Commission on Rules for Approval of Electrical Equipment
CGSB	Consumer Goods Standards Board
CSA	Canadian Standards Association

ECAFE	Economic Commission for Asia and the Far East
GSA	General Services Administration
IEC	International Electrotechnical Commission
IES	Illuminating Engineering Society
ISO	International Organization for Standardization
NBFU	National Board of Fire Underwriters
NBS	National Bureau of Standards
NEMA	National Electrical Manufacturers Association
PCBOC	Pacific Coast Building Officials Conference
SAE	Society of Automotive Engineers
SES	Standards Engineers Society
USNC	United States National Committee, International Electrotechnical Commission
USSR	Union of Soviet Socialist Republics

Pages included in each of the 12 issues of Volume 25

January, No. 1	1-40
February, No. 2	41-72
March, No. 3	
Part 1	73-104
Part 2, List of American Standards	
April, No. 4	105-136
May, No. 5	137-168
June, No. 6	169-200
July, No. 7	201-232
August, No. 8	233-280
September, No. 9	281-312
October, No. 10	313-344
November, No. 11	345-376
December, No. 12	
Part 1	377-404
Part 2, Index to Volume 25	

A

Abrasive wheels, safety code, 151; 196
 Accidents, statistics, com of judges, 61; 87; 94; 125; 155
 Acetate fabrics—see Rayon fabrics
 Acoustics
 industrial noise, 15; 208; 366
 microphone calibration, 362
 shock and vibration terminology, 384
 Adams, Comfort, ASA annual mtg speaker, 8
 Agnew, Paul G.
 obituary, 44
 SES award, 331
 Ainsworth, Cyril, What "American Standard" means and how American Stds are developed, 276
 Air cylinders and adapters, rotating, 165
 American Assn of Nurserymen, proposed stds, 135
 American Assn of Textile Chemists and Colorists, mtg, 296
 American-British-Canadian Conference, buttress threads, 147
 American Concrete Institute, stdzn work, 173
 American Federation of Labor, sees value of stds, 54
 American Gas Assn, certification mark tested in court, 86
 American Institute of Elec Engrs
 founder of ASA, 4
 leader in elec stds, 242
 American Institute of Mining and Metallurgical Engrs, founder of ASA, 4
 American Management Assn, ASA exhibits, 70; 216; 366
 American Soc for Testing Materials
 action on stds, 160
 annual mtg, 157
 Edgar Marburg lecture, 164
 founder of ASA, 4
 honorary mbrs named, 304

American Soc for Testing Materials (Cont)
 IEC work, 260
 procedure for stds submitted to ASA, 216
 pubs, 99; 150; 165; 194; 370; 398
 road and paving com, 162
 Washington mtg, 124
 American Soc of Civil Engrs, founder of ASA, 4
 American Soc of Heating and Ventilating Engrs, pubs, 150
 American Soc of Mechanical Engrs
 boiler code, 311
 founder of ASA, 4
 international codes, 254
 American Soc of Refrigerating Engrs
 annual mtg, 357
 pubs, 150
 stds in refrigerating industry, 113
 American Stds
 exhibited, 70; 216; 366
 meaning and development, 276
 referenced in Fed specs, 33
 used, 93; 151; 161
 American Stds Assn
 and nat economy, 275
 founding, 4
 relations with Fed govt, 161; 222
 synonymous with progress, 223
 see also specific subjects, such as Annual meeting, ASA; Awards, ASA; Board of directors, ASA; Copyright, ASA policy, etc
 American Water Works Assn, pubs, 99
 American Welding Soc, pubs, 99; 370; 398
 Anderson, A. W., CMC speaker, 215
 "Announcing new books," 99; 150; 194
 Annual mtg, ASA, 4; 140; 292
 Appel, William D., NBS staff, 402
 Appliances, elec, 326
 Argentina, stds listed, 64; 95; 129; 158; 191; 225; 306; 339
 Association of Casualty and Surety Cos, pubs, 398

Astin, Allen V., The IEC and the Nat Bur of Stds, 263
 Aubrey, W. H., bd of directors, ASA, 392
 Australia
 advice, 71
 inquiries, 71
 stds listed, 129; 158; 225; 306; 339; 395
 Austria, stds listed, 36; 64; 95; 305; 338; 369; 396
 Automatic controls, terminology, 157
 Automation, 157; 325
 Awards, ASA, 11; 56; 75; 228

B

Bailey Meter Co., personnel, 98
 Beard, Leslie C., Jr, ASA annual mtg speaker, 9
 Bearings, ball and roller, ISO com, 199
 Belgium, stds listed, 64; 95; 128; 159; 191; 225; 307; 339; 369; 395
 Belitsos, P. G., Drafting practice and more realistic tolerancing, 321
 Bell Telephone System
 co stdzn program, 269
 hurricane damage, 381
 Beranek, L. L., industrial noise symposium, 15
 Blackall, F. S., ASA annual mtg speaker, 9
 Board of directors, ASA
 certification, 97
 meet with govt officials, 161
 mbrs, 19; 392
 Bodine, Leo V., bd of directors, ASA, 392
 Boiler code, ASME, 311
 Bonnar, Robert J., speaker at textile conf, 84
 Books, new, 99; 150; 194
 Brainerd, J. G., Stds for radio, electronics, television—Institute of Radio Engrs, 256
 Brandon, M. M., service award, 56
 Brotherhood of Painters, Decorators, and Paperhangers of America, sees value of stds, 54

**AMERICAN STANDARDS ASSOCIATION,
 INCORPORATED**

70 East 45th Street, New York 17, N. Y.

Bryan, Charles W., Jr, ASA annual mtg speaker, 9
 Building codes
 masonry requirements, 358
 N. Y. State, 89
 PCBOC mtg, 343
 Building materials
 concrete, 173
 Fed Supply Catalog, 92
 modular measure, 364
 Bump, Forest H., CMC speaker, 215
 Business and Defense Services Adm, function, 35

C

Cables, neoprene type, 85
 Callan, P. J.
 An identifying numbering system for purchased material, 78
 CMC speaker, 30
 Canada
 A-B-C Conference, buttress threads, 147
 general mgr, CSA, appointed, 357
 McCaffrey, W. R., obituary, 229
 stds listed, 36; 95; 128; 305; 338; 369; 395
 testing laboratories, CSA, 357
 Candee, Allan H. and Telfer, Craig, Positional tolerancing of manufactured parts, 180; 315
 Cans, motor oils, 296
 Cartoons, stdzn history, 98
 Catalogs, vendors', 32
 see also Department of Defense, Federal supply catalogs
 Cement reference laboratory, NBS, 165
 Certification
 AGA seal of approval tested in court, 86
 ASA mark, 97
 Chamberlain, J. R.
 biog note, 106
 Safety in refrigeration, 117
 Std in the refrigeration industry, 113
 Chemical Industry Advisory Bd, ASA, 31
 Chevalier, W. T., bd of directors, ASA, 392
 Chicago, purchasing through stds, 217
 Chile, safety stds based on American Std, 93
 China, stds listed, 158; 191; 225; 305
 Christensen, H. C., pallet conf, 31
 Circuit breakers
 air, 367
 power, 184
 Clarke, K. B., CMC speaker, 29
 Classification, std commodity, 186; 190
 see also Numbering systems
 Clifford, Paul C., quality control, 25
 Color
 industrial, need for stds, 211
 safety code, marking physical hazards, 52
 tests for colorfastness, 98
 Commercial stds listed, 370
 Company mbr conf, 29; 214; 293
 Company stdzn
 Eastman Kodak Co, 78
 examples, 215
 General Elec Co, 48
 Jeffrey Mfg Co, 109
 Mellon Institute paper by D. Reck, 375
 Virginia Elec and Power Co, 284
 Western Elec Co, 77
 Concrete, ACI stdzn work, 173
 Conduit, 161
 Conference of executives of org mbrs of ASA, 293
 Connell, E. L., Spindle ends for portable power tools, 290; 315
 Construction—see Building codes; Building materials
 Consumer Goods Std Bd, ASA, 127
 Containers
 compressed gas, 294
 motor oil cans, 296

Coonley, Howard, welcomes IEC Golden Jubilee mtg, 238
 Coonley Medal, Howard, 11; 75
 Cope, Mrs Andrew P., CGSB officer, 127
 Copyright, ASA's policy, 403
 Counselman, Theodore B., ASA annual mtg speaker, 9
 Cox, V. L.
 New stds for low voltage air circuit breakers, 367
 New stds reflect growth in power circuit breaker industry, 184
 Crabtree, John I., stds personality, 203
 Cranwell, James L.
 receives award, 228
 vice-pres, ASA, 392
 Crocker, Sabin, service award, 56
 Crouch, C. L., Light for seeing, 266
 Culver, H. F., speaker, Western Electric Co, interplant conf, 77
 Cunningham, Eileen, stds personality, 283
 Czechoslovakia, stds listed, 64; 95; 129; 158; 191; 225; 305; 338; 368; 395

D

Dakins, J. Gordon, speaker at AATCC, 296
 Davis, Hallowell, industrial noise symposium, 16
 Denmark, stds listed, 128; 159; 225; 307
 Department of Commerce, Business and Defense Services Adm, 35
 Department of Defense
 equipment classification, 154
 Federal Supply Catalog, 92; 124
 metalworking machinery, 190
 personnel, 92
 supply and logistics, 124
 Department of Labor, safety studies, 151; 196
 Detroit Edison Co, personnel, 98
 Detroit, use of American Std safety code for refrigeration, 161
 Dodge, Harold F., Edgar Marburg lecture, 164
 Dorn, Charles W.
 CGSB officer, 127
 speaker at textile conf, 85
 Drawings, tolerancing, 180; 315; 321
 Duncalfe, Roger, BSI pres, 98
 Dunsheath, P., IEC personality, 241
 du Pont, E. I., speaker at Greater N. Y. Safety Convention, 98
 Dupre, Francis C., quality control, 27

E

Eastman Kodak Co, numbering system, 78
 Economic Commission for Asia and the Far East, hydrology, 97
 Education, Industrial College of the Armed Forces courses, 332
 Edwards, J. H., service award, 56
 Eisenhower, Dwight, IEC mtg, 317
 Electrical engrg
 appliance servicing and stdzn, 326
 cables and wires, 85
 capacitors, IEC, 192
 circuit breakers, 184; 367
 mtgs, IEC, 130; 145; 185; 192; 235-277
 motor-operated appliances, 162
 terminology of automatic controls, 157
 tests, IEC, for electronic parts, 146
 transformer std, 118
 see also International Electrotechnical Commission; International Commission for Approval of Elec Equipment
 Electrical mfg industry, NEMA's work, 246
 Electrical power industry, 50 years of industrial growth, 250
 Electronics
 equipment, 161
 parts, IEC tests, 146
 stds, 256; 257
 tubes and valves, 375

Equipment classification, 154
 Europe, economic mission, stdzn, 143
 Exhibit, American Std, 70; 216; 366
 Existing stds method, ASA, 216; 223

F

Farm Equipment Institute, ASA mbr body, 161
 Federal specs and stds, 33; 122; 333
 Federal Supply Catalog, furniture data, 124
 see also Government
 Fetherston, F. R., The marking of portable compressed gas containers, 294
 Finish, surface roughness, 97
 Finland, stds listed, 95; 158; 191; 305; 338; 368
 Fits
 accuracy of measurements, 94
 for engrg and mfg, 178
 drafting practice, 180; 315; 321
 Flanders, Ralph E.
 receives Coonley Medal, 11
 Standards—The Liberator, 13
 Fleming, W. B.
 biog sketch, 106
 CMC speaker, 29
 How Jeffrey organized a company stds dept, 109
 Founding of ASA, 4
 France, stds listed, 36; 64; 95; 128; 159; 191; 225; 305; 338; 369; 395
 Freedman, Ephraim
 CGSB, 127
 speaker at textile conf, 83
 Frost, F. C., ASA staff, 182
 Fullmer, Irvin H., Chief, Engrg Metrology Section, NBS, 162
 Furniture, Fed Supply Catalog data, 124

G

Gages, 178; 180; 315
 see also Fits
 Gaillard, John
 seminar, 94; 131; 295; 329
 stds personality, 3
 Gardiner, E. W., obituary, 309
 Gaunt, William E., quality control, 28
 Gay, Roger E.
 bd of directors, ASA, 19
 The fifth milestone—mechanization to automation, 4
 The new era—automation, 325
 Ralph Edward Flanders, 11
 Welcome, International Electrotechnical Commission, 236
 General Electric Co, stds dept, 48
 General Services Administration, 65; 121; 333
 Germany, stds listed, 36; 64; 95; 128; 158; 191; 225; 305; 338; 368; 395
 Gidel, Robert D., comment on accident statistics, 94
 Glorig, Aram and Wheeler, D. E., Industrial noise problem, a progress rpt, 208
 Glorig, Aram, industrial noise symposium, 17
 Gokhale, M. S.
 stds personality, 379
 SES pres, 403
 Goldsmith, J. M., CMC speaker, 29
 Goubeau, Vincent de P.
 bd of directors, ASA, 392
 purchasing panel, 22
 Government
 ASA relations, 161; 222
 GSA policy, 65
 specs and stds, 33; 122; 333
 supply catalog, 124
 see also Department of Commerce; Department of Defense; Department of Labor; Kaidanovsky, S. P., Govt stds

Graham, Virgil M.

Sids for radio, electronics, television—Radio-Electronics-Television Mfrs Assn, 257
stds personality, 43
Greater N. Y. Safety Convention, 98
Grinding machines, 141
Gushée, Edward T., obituary, 393

H

Hackett, G. N., purchasing panel, 22
Harrison, M. C., bd of directors, ASA, 19
Harte, Charles R., stds personality, 315
Haydock, John, What new grinding machine stds mean to the shop, 141
Heinrich, Chester J., Can pallets used in materials handling be standardized?, 205
Hepental, Roger F., director of cataloging, standardization and inspection, Defense dept, 92
Hoelscher, R. P., CMC speaker, 30
Hoffman, S. David, elec dept head, ASA, 182
Holcombe, Bryce P., A new look at stds, 54
Hood, Henry J., Sids Council mbr, 199
Hoover, Herbert, SES award, 331
Houser, Perry L.
CMC speaker, 215
Stdzn represents teamwork, 14
receives Sids Medal, 11
Housing, New York City, 186
Huntton, Robert D., associate director, NBS, 164
Huntzicker, H. H., bd of directors, ASA, 19
Hurricane damage, 381
Hussey, G. F., Jr
Report on a great international stds mtg, 317
The role of ASA in the nat economy, 275
SES award, 331
Hydrology, measurements, ECAFE, 97

I

Iceland, Institutions of Icelandic Industries, stds body, 149
Illuminating Engrg Soc, IEC work, 266
India
Indian Sids Institution described, 360
stds listed, 36; 64; 95; 128; 158; 225; 305; 338; 368; 395
Indonesia, stds body becomes ISO mbr, 295
Industrial College of the Armed Forces, courses, 332
Injury rates, compiling—see Accidents, statistics
Insecticides, household, 295
Institute of Makers of Explosives, 311
Institute of Radio Engrs, stds work, 256
Instrument Soc of America, pubs, 194
International Commission on Rules for Approval of Elec Equipment, 162
International Electrotechnical Commission
ASME work, 254
ASTM work, 260
electrical capacitors, 192
electronic parts tests, 146
IES work, 266
mtg in Philadelphia, Pa., 130; 145; 185; 235-277; 317; 349
NBS work, 263
personalities, 1904-1954, 240
pubs, 253; 375
radio testing, 199
tech mtgs, 192
USNC, 185; 272
International Org for Stdzn
ASA action on recommendations, 311
ASME work, 254
anniversary, 98
bearings, ball, and roller, 199
colorfastness tests, 98
cooperates with ECAFE, 97
council mbrs, 98
fits and limits, 94

International Org for Stdzn (Cont)

Indonesia becomes mbr, 295
mtgs, 120
transfusion equipment, 71
Inventory control, 154
Iowa, State University, College of Engrg management course, 133
Ireland, stds listed, 159; 191; 307; 339; 395
Israel, stds listed, 64; 96; 128; 191; 305; 395
Italy, stds listed, 37; 129; 158; 225; 339; 368; 397

J

Jalonack, H. M., Transformer std promises savings, 118
Japan, stds listed, 36; 64; 95; 128; 158; 191; 225; 306; 338; 395
Jeffrey Mfg Co, stds dept, 109
Johnson, Albert E., CGSB, 127
Johnson, Arthur S., Sids Council chmn, 394
Jones, Dr Loyd A., stds personality (and obituary), 171

K

Kaidanovsky, S. P., Govt stds, 33; 57; 89; 121; 122; 151; 186; 217; 297; 333
Kelvin, Rt Hon Lord, IEC personality, 240
Kerr, G. L., bd of directors, ASA, 19
Kiernan, William J., The need for stdzn of industrial colors, 211
Kiler, W. H., CMC speaker, 215
Kliment, W. P., stds personality, 107
Knowlton, A. D., Sids Council mbr, 199
Koenig, Edmund P., seminar on stdzn, 86

L

Labarthe, Jules, speaker at textile conf, 84
Laboratories, ASTM directory, 165
Latin America, stdzn, 389
Lawrence, H. M., obituary, 149
Lawson, Charles J., CMC speaker, 215
Legal decision, AGA certification mark, 86
LeMaistre, Charles, IEC personality, 241
Library, ASA, descriptive booklet, 119
Lighting, 266
Limits—see Fits
Locher, Carolyn, How to use "ASA" in photography, 226
Lyons, D. H., purchasing panel, 23

M

Machine tools—see Tools, machine
Mackenzie, K. G., ASTM honorary mbr, 304
THE MAGAZINE OF STANDARDS new name for STANDARDIZATION, 2
Management, Iowa university course, 133
Maples, William A., From sidewalks to housing—Concrete Institute celebrates 50 years growth, 173
Masonry, bldg code requirements, 358
Materials, engrg, 222
Materials and Testing Sids Board, ASA mbrs, 216
Materials handling, pallet stdzn, 205
May, F. Bruce, quality control, 28
McBurney, J. W., Masonry requirements up to date, 358
McCaffrey, W. R., obituary, 229
McCain, G. L., Changes proposed for spline stds, 363
McCargo, W. T., service award, 56
McNair, John W., assistant tech director, ASA, 182
Measurements, accuracy, 94
Melick, Lawrence L., Bailey Meter Co., 98
Metalworking machinery directory, 190
Mexico, stds listed, 36; 64; 129; 191; 225; 306
Meyer, A. W., CMC speaker, 30
Michener, H. P. and Price, L. D., Sids and the elec mfrs, 246

Microphone calibration, 362

Milby, W. R., Appliance servicing and stdzn, 326
Military (MIL) specs, 333
Mining Sids Bd, ASA, 311
Mitchell, Don F., IEC mtg, 317
Mitchell, John H., How Bell System restored service after hurricane damage, 381
Modular measure (formerly modular coordination), 364
Moore, Edward R., Detroit Edison Co, 98
Moore, Leo B., Sids outlook, 35; 71; 103; 135; 167; 343; 375; 403
Morris, Gilbert E., heads PCBOC, 192
Mundel, August B., quality control, 26
Mutual Security Agency, stdzn, 143

N

National Academy of Sciences
materials advisory bd, 222
Bldg Research Institute, modular measure, 364
National Assn of Purchasing Agents, panel at Nat Stdzn Conference, 22
National Bd of Fire Underwriters, pubs, 99
National Bur of Sids
cement reference laboratory, 165
electronic equipment cost survey, 161
IEC work, 263
nautical mile, 342
personnel, 162; 164; 402
screw thread measurement, 148
National conference on stds, 22; 35; 140; 293; 314
National Elec Mfrs Assn
pubs, 194; 370
stds work, 246
National Fire Protection Assn, pubs, 194; 398
National Stdzn Conference—see National Conference on Sids
Nautical mile, 342
Netherlands, stds listed, 36; 64; 95; 128; 158; 191; 305; 339; 368; 395
New York, Bldg Code Commission, 89
New York City
Housing Authority, stds, 186
purchasing, 221; 297
New Zealand, stds listed, 64; 305; 338; 369; 397
Noise, industrial, 15; 208; 366
see also Acoustics
North, J. R., service award, 56
Norway, stds listed, 128; 158; 191; 225; 307; 339
Numbering systems
dept of defense, 154
Eastman Kodak Co, 78
RCA, 138
Nursery stock, proposed stds for advertising copy, 135

O

Organization for European Economic Cooperation, 143
Osborne, Harold S.
IEC personality, 240
welcomes IEC Golden Jubilee mtg, 239
Ott, Ellis R., quality control, 25

P

Pacific Coast Building Officials Conf, 192; 343
Packaging, 162
Paine, George Porter, assistant secy, ASA, 182
Painter, Robert J., Materials testing, floor for engrg development, 260
Pallets, 31; 205
Palmgren, Gunnar, ISO com, 199
Pan American com on stdzn, 387
Paxton, E. B.
AIEE, a leader in elec stds, 242
service award, 56
stds personality, 139

Personalities, stds, 3; 43; 107; 139; 171; 203; 283; 315; 347
 Photography, use of "ASA," 226
 Pipe Fabrication Institute, pubs, 194
 Pisciotto, M. A., elec engr, ASA, 304
 Plastics, ISO com, 120
 Poland, stds listed, 36; 64; 95; 338; 368; 395
 Portland Cement Assn, pubs, 150
 Portugal, stds listed, 37; 305; 368; 396
 Pratt, Edmund A., Stdzn in Latin America, 389
 Price, L. D. and Michener, H. P., Stdns and the elec mfrs, 246
 "Production for Plenty," British stds exhibit, 120
 Purchasing
 Chicago, City of, 217
 Eastman Kodak Co, 278
 Nat Stdzn Conf, 22
 New York City, 297
 numbering system for purchased material, 78
 Virginia Elec and Power Co, 284
 Virginia, State of, 57

Q

Qualified products lists, 86; 333
 Quality control, 25; 332
 Questions about stdzn, 63; 97; 131; 160; 193, 303, 337; 371; 402

R

Radio
 IEC tests, 199
 stds, 256; 257
 Radio Corp of America, numbering system, 138
 Radio-Electronics-Television Mfrs Assn, stds work, 257
 Rayon fabrics, 296
 Reck, Dickson, The role of co stds in industrial administration, 375
 Refrigeration
 industry stds, 113
 mechanical, safety code, 117; 161
 Reimer, Max, 343
 Road and paving materials, 162
 Robb, H. W.
 biog sketch, 42
 CMC speaker, 29
 Factors in organizing a company's stds dept, 48
 Romnes, H. I., The significance of stdzn to the Bell System, 269
 Rosenblith, W. A., industrial noise symposium, 15; 18
 Rudmose, H. Wayne, industrial noise symposium, 17
 Ruppert, Louis, IEC personality, 241

S

Safety
 abrasive wheels, state requirements, 151; 196
 AMA insurance conf, 70
 Chilean stds based on American Stdns, 93
 color code revised, 52
 containers, compressed gas, 294
 Greater N. Y. Safety Convention, 98
 refrigeration, 113; 117; 161
 "S-D Day," 347
 stds exhibited, 70
 state requirements, abrasive wheels, 151
 statistics, accident, 61; 87; 94; 125; 155
 Savings from stdzn
 "Are you making money from stds?," 199
 Chicago purchasing, 217
 "Can you hang a dollar sign on stds?," 215
 fed stds, 122
 N. Y. City Housing Authority, 186
 transformer std, 118
 Virginia, 57
 Schiesser, Max, IEC personality, 240

Science and stdzn, 222
 Screw threads
 buttress, 147
 measurement, 148
 Scrolls, ASA—see Service awards
 Seaman, Ellsworth F., Plan active work on Pan American stds, 387
 Seelye, Howard P., Fifty years in the elec power industry, 250
 Service awards, ASA, 56; 228
 see also Coanley Medal, Howard; Standards Medal, ASA
 Sharpe, W. L., service award, 56
 Sillcox, Lewis K., ASME's interest in international codes, 254
 Simplified practice recommendations listed, 370
 Smeltz, F. O., CMC speaker, 215
 Smith, F. W., Stores stds pay off for Virginia Elec, 284
 Smith, Genevieve, speaker at textile conf, 84
 Society of Automotive Engrs, pubs, 99
 Society of Motion Picture and Television Engrs, pubs, 370
 Sogge, R. C.
 ASA annual mtg speaker, 9
 How the U.S. Nat Com works, 272
 Welcome, International Electrotechnical Commission, 237
 South Africa, stds listed, 36; 64; 95; 128; 191; 225; 305; 338; 369; 396
 Spain, stds listed, 36; 95; 129; 158; 305; 338; 368; 396;
 Spindle ends, 290, 315
 Splines, involute, 363
 Standard commodity classification, 186; 190
 STANDARDIZATION becomes THE MAGAZINE OF STANDARDS, 2
 Standards Council, ASA, mbrs, 19; 199; 394
 Standards Engrs Soc
 awards, 331
 mtgs, 311, 325, 330
 officers, 65; 403
 Standards Medol, ASA, 11; 75
 Standards Outlook (monthly column), 35; 71; 103; 135; 167; 343; 375; 403
 Standards personalities, 3; 43; 107; 139; 171, 203, 283; 315; 347; 379
 Standards urged to help European economy, 143
 Statistics, accident, com of judges, 61; 87; 94; 125; 155
 Sterky, Hakan
 IEC mtg, 317
 Past, present, and future of telecommunication stdzn, 349
 Stutz, Robert L., speaker at textile conf, 83
 Surface roughness, 97
 Sweden, stds listed, 36; 128; 158; 225; 305; 338; 368; 397
 Sweet, Fred A., general mgr, CSA, 357
 Switzerland, stds listed, 36; 65; 129; 158; 191; 225; 306; 396
 Symbols
 letter, 161
 roughness height value, 97

T

Taylor, Sidney W., mechanical engr, ASA, 304
 Telecommunication, 349
 Telegraph, Bell System, 269
 Telephone, Bell System, 269; 381
 Television stds, 256; 257
 Telfer, Craig and Candee, Allan H., Positional tolerancing of manufactured parts, 180; 315
 Terminology
 automatic controls, 157
 shock and vibration, 384
 Testing laboratories, CSA, 357

Textiles
 colorfastness tests, 98
 stds, end use, work on, 82; 296
 Thomas, C. S., speaker at ASTM mtg, 124
 Thompson, Sanford P., The origins of proposed shock and vibration terminology, 384
 Thomson, Elihu, IEC personality, 240
 Tolerances, 178; 180; 315; 321
 see also Fits
 Tools, machine
 air cylinders and adapters, 165
 grinding, 141
 spindle ends, 290, 315
 splines, involute, 363
 Western Electric program, 77
 Townsend, J. R.
 ASA—Synonymous with progress, 223
 How to translate science into practice, 222
 chmn, Materials Advisory Bd, Nat Academy of Sciences, 131
 Transformers, 118
 Transfusion equipment, ISO work, 71
 Tubular Exchanger Mfrs Assn, pubs, 370

U

Underwriters' Laboratories, pubs, 398
 Union Pan-Americano de Asociaciones de Ingenieros, 387
 United Kingdom
 A-B-C conference, buttress threads, 147
 BSI pres, 98
 exhibit, BSI, 120
 stds listed, 36; 64; 95; 128; 158; 191; 225; 305; 338; 368; 395
 U.S. Nat Com of IEC, 185; 272
 see also International Electrotechnical Commission
 Upper, F. A., Std Council mbr, 199
 Uruguay, stds listed, 129; 306
 USSR, stds listed, 36; 64; 129; 158
 Use of Amer Stdns
 in Chile, 93
 by states and cities, 151; 161

V

Velfort, T. E.
 purchasing panel, 24
 Std Council vice-chmn, 394
 Virginia, stdzn program, 57
 Virginia Electric and Power Company, stds program, 284

W

Wagner, Harvey A., Detroit Edison Co, 98
 Wahl, G. F., bd of directors, ASA, 19
 Wallach, Morris B., Safety stds in Chile, 93
 Watson, S. H., CMC speaker, 215
 Waverley, Viscount, IEC mtg, 317
 Weaver, Elmer H., stds personality, 347
 Weights and measures, nautical mile, 342
 Western Electric Co, interplant tool and gage conf, 77
 Wetmore, W. Fred, Detroit Edison Co, 98
 "What is your question?," 97; 131; 160; 193, 303, 337; 371; 402
 Wheeler, D. E. and Glorig, Aram, Industrial noise problem, a progress rpt, 208
 Wilkin, Robert E., bd of directors, ASA, 392
 Winkler, L. H., ASTM honorary mbr, 304
 Wires, neoprene type, 85
 Wolf, Irwin D.
 bd of directors, ASA, 392
 speaker at textile conf, 82
 Wright, Charles M., CMC speaker, 215

X-Y-Z

Young, C. A., service award, 56
 Young, C. G., bd of directors, ASA, 19